

What is claimed is:

1 1. A cardiovascular healthcare management system comprising:
2 (a) an infomediary site having databases for cardiovascular healthcare management;
3 (b) a data entry interface for receiving patient personal data and test results and storing
4 the data and results in the infomediary site databases;
5 (c) a diagnostic engine for analyzing patient test results;
6 (d) a physician data access interface to allow physician access to the infomediary
7 databases; and
8 (e) a communication system allowing the physician to communicate cardiovascular
9 healthcare management information to the patient.

1 2. The cardiovascular healthcare management system of claim 1 further comprising
2 a cardiovascular knowledge base that stores information related to cardiovascular risk factors.

1 3. The cardiovascular healthcare management system of claim 1 wherein the
2 diagnostic engine includes algorithms for associating test results with possible treatments.

1 4. The cardiovascular healthcare management system of claim 1 wherein the
2 diagnostic engine includes algorithms for associating test results with possible diagnoses.

1 5. The cardiovascular healthcare management system of claim wherein the
2 diagnostic engine includes algorithms for associating diagnosis information with possible
3 treatment plans.

1 6. The cardiovascular healthcare management system of claim 1 wherein the
2 diagnostic engine for comparing patient's test results compares inputted patient LDL subfraction
3 and HDL subfraction values to normal LDL subfraction and HDL subfraction values. .

1 7. The cardiovascular healthcare management system of claim 6 wherein the normal
2 LDL subfraction and HDL subfraction values are determined base in part of the values stored in
3 the infomediary database.

1 8. The cardiovascular healthcare management system of claim 6 wherein the
2 physician dynamically selects parameters for patient test results comparisons.

1 9. The cardiovascular healthcare management system of claim 1, wherein the patient
2 provides compliance data that is stored in the records for later review by the physician.

1 10. The cardiovascular healthcare management system of claim 1, further comprising
2 a patient access interface whereby the patient accesses a cardiovascular treatment plan.

1 11. The cardiovascular healthcare management system of claim 1, wherein the
2 diagnostic engine analyzes test results and provides suggested diagnoses to the physician.

1 12. The cardiovascular healthcare management system of claim 1, wherein the
2 diagnostic engine analyzes diagnostic information and provides suggested treatment plans.

1 13. A method of managing cardiovascular healthcare information, comprising the
2 steps of:

- 3 (a) storing test result data in a database;
- 4 (b) providing test result data to a physician via a network;
- 5 (c) receiving diagnostic information from a physician via a network;
- 6 (d) receiving treatment plan information from a physician via a network; and
- 7 (e) providing treatment plan information to a patient via a network.

1 14. The method of managing cardiovascular healthcare management system of claim
2 13, wherein the step of providing test result data is performed using internet protocols.

1 15. The method of managing cardiovascular healthcare management system of claim
2 13, wherein the step of receiving diagnostic information from a physician is performed using
3 internet protocols.

1 16. The method of managing cardiovascular healthcare management system of claim
2 13, wherein all the steps of receiving and providing information are performed using internet
3 protocols.

1 17. The method of managing cardiovascular healthcare management system of claim
2 13, further comprising the steps of analyzing the test result data and providing diagnosis
3 information to the physician.

1 18. The method of managing cardiovascular healthcare management system of claim
2 13, further comprising the steps of analyzing the received diagnosis information and providing
3 suggested treatment plan information to the physician.

1 19. The method of managing cardiovascular healthcare management system of claim
2 13, further comprising the step of receiving compliance information from a patient.

1 20. The method of managing cardiovascular healthcare management system of claim
2 13, further comprising the step of receiving compliance information from a patient.

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C2